

FOR OFFICE USE ONLY:

Version # \_\_\_\_\_

APP # 700093

#### **A. Statement of Development Activity**

The Mendocino National Forest, Grindstone Ranger District is proposing to replace its existing potable water delivery system at the Fouts Springs Recreation Area. Fouts Springs is a major OHV staging and camping area on the Grindstone Ranger District.

For the last two years the water system has routinely proved positive for non-fecal coliform. Despite various forms of treatment we have been unable to correct the problem. The State of California Water Quality Control Board reviewed our problem and stated we would need to shut down the water system until we could correct the problem. The water system is currently shut down to the users of the Fouts Springs Recreation Area.

Our course of action to correct the problem involves drilling a new vertical well (with a secure pump house), above ground water storage tank(s), above or below ground electrical lines to energize the pump, and installation of water transmission lines.

#### **B. Relation of Proposed Project to OHV Recreation**

The Fouts Springs OHV Recreation Area is a key OHV staging and camping area on the Forest. With the water system currently closed to public use, all visitors to the Fouts Springs OHV Recreation area are impacted. This includes casual riders and visitors as well as event participants, which include hundreds of participants and staff using the Fouts Springs OHV Recreation Area. These visitors must now provide their own water. Although the Forest has provided notification about the water situation in the area via the Forest web site, newspapers, and with motorcycle clubs, OHV trail users still arrive on-site expecting a potable water source. Users often must return to the community of Stonyford, approximately 20 minutes away, to buy water and have at times gone on to the Fouts Springs Youth Facility (a minimum security detention facility for boys) adjacent to the Recreation Area requesting water. Management of the Youth Facility has asked us to remedy the situation in order to discourage the public from entering this facility. Because we have turned off our water, we have also stopped allowing users to dump their vehicle sewage tanks prior to leaving the Recreation Area. The nearest dump station is on Interstate 5 south of Williams, over one hour from Fouts Springs. A few instances have been detected where the public has dump their sewage along the road or on-site because of this.

The new potable water system will provide water for the campgrounds at Fouts Springs which are used extensively by OHV recreationists, though they are available to hunters, campers, and others wanting to enjoy the outdoors. The system will also provide a dump station for sewage from vehicles and will provide potable water to the on-site Forest Service OHV Work Center. During high peak holidays, 3,000 visitors per weekend have been observed using the Fouts Springs OHV Recreation Area. With OHV recreation opportunities in other areas off-Forest either being closed or having use or access restricted, the Fouts Springs OHV Recreation Area is experiencing an increase in visitor use.

Restoring water at Fouts Springs will return a quality recreation experience that OHV users have come to expect by allowing us to provide both a continuous source of potable water for our guests as well as a location to remove human waste from their vehicles.

#### **C. Size of the proposed development**

The proposed project will include drilling a vertical well, installation of a pump surrounded by a cinder block structure to house and protect it, installation of a chlorinating system, and two water storage tanks (10,000 gallon capacity).

The use of solar power is being considered to energize the pump and chlorinating system. However, it is expected that there might be vandalism or theft of these items considering the past history of the area, so conventional means of powering the pump may be employed.

The district proposes to use conventional methods to energize the pump. The power lines may be all above ground or partly above and below ground. If below ground, most likely it will be in the same trench as the water line.

#### **D. Timeline for Project Completion**

Attachments:

[Fouts Water System Timeline](#)

**E. Location and Description of OHV Opportunities**

The Fouts Springs OHV Recreation Area is located on the southern end of the Mendocino National Forest. This key OHV staging and camping area serves thousands of visitors each year, and includes five established campgrounds and one rv dump station. This area, and the water system provided to users of the facilities, serves a variety of visitors including motorcyclists, ATv enthusiasts, 4X4 users and others. Due to the size of the Recreation Area and high quality facilities associated with Fouts Springs, it is also the core staging site for five large enduro events that are held on the Forest annually. Many hundreds of people participate in each of these events, and are supported by the provision of potable water. This system also serves the Forest Service OHV Work Center, which provides a shop and office facility adjacent to the campgrounds and staging areas.

It should be noted that day users who park and ride at the staging areas also utilize the water system, as do campers and riders travelling past the Fouts Springs area to other facilities on the Forest.

A trailhead providing access into the Snow Mountain Wilderness is located adjacent to the Fouts Springs campgrounds. Visitors to this trailhead will also be supported by the water system.

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**1. Conceptual Drawings and Site Plans**

Attachments:

[Fouts Water Development Improvements Locations](#)

**2. Land Tenure Certification**

**3. Project Specific Maps**

Attachments:

[Fouts Water Development Vicinity Map](#)

[Fouts Water Development Locality Map](#)

[Fouts Water Development Existing / Proposed Facilities](#)

**4. Optional Project-Specific Application Documents**

Attachments:

[Fouts Water Development Photos of Existing System](#)

Project Cost Estimate for Grants and Cooperative Agreements Program - 2008/2009  
Agency: USFS - Mendocino National Forest  
Application: Fouts Springs Water Development

6/2/2009

FOR OFFICE USE ONLY:		Version # _____	APP # _____
<b>APPLICANT NAME :</b>	USFS - Mendocino National Forest		
<b>PROJECT TITLE :</b>	Fouts Springs Water Development	<b>PROJECT NUMBER (Division use only) :</b>	
<b>PROJECT TYPE :</b>	<input type="checkbox"/> Acquisition <input checked="" type="checkbox"/> Development <input type="checkbox"/> Education & Safety <input type="checkbox"/> Ground Operations <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Planning <input type="checkbox"/> Restoration		
<b>PROJECT DESCRIPTION :</b>	<p>The Mendocino National Forest, Grindstone Ranger District is proposing to replace its existing potable water delivery system at the Fouts Springs Recreation Area. Fouts Springs is a major OHV staging and camping area on the Grindstone Ranger District.</p> <p>For the last two years the water system has routinely proved positive for non-fecal coliform. Despite various forms of treatment we have been unable to correct the problem. The State of California Water Quality Control Board reviewed our problem and stated we would need to shut down the water system until we could correct the problem. The water system is currently shut down to the users of the Fouts Springs Recreation Area.</p> <p>Our course of action to correct the problem involves drilling a new vertical well (with a secure pump house), above ground water storage tank(s), above or below ground electrical lines to energize the pump, and installation of water transmission lines.</p>		

	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
<b>DIRECT EXPENSES</b>							
<b>Program Expenses</b>							
1	<b>Staff</b>						
	Other-Engineer/Contract Prep and Admin	1.000	6500.000	EA	0.00	6,500.00	6,500.00
2	<b>Contracts</b>						
	Other-Well Drilling Contractor	1.000	30000.000	EA	0.00	30,000.00	30,000.00
	Other-Construction Contract	1.000	160000.000	EA	160,000.00	0.00	160,000.00
	Other-Construction Chip Seal Repairs	1.000	20000.000	EA	0.00	20,000.00	20,000.00
	<b>Total for Contracts</b>				160,000.00	50,000.00	210,000.00
3	<b>Materials / Supplies</b>						
4	<b>Equipment Use Expenses</b>						
5	<b>Equipment Purchases</b>						

Project Cost Estimate for Grants and Cooperative Agreements Program - 2008/2009  
 Agency: USFS - Mendocino National Forest  
 Application: Fouts Springs Water Development

6/2/2009

	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
6	Others						
7	Administrative Costs						
Total Program Expenses					160,000.00	56,500.00	216,500.00
TOTAL DIRECT EXPENSES					160,000.00	56,500.00	216,500.00
TOTAL EXPENDITURES					160,000.00	56,500.00	216,500.00

Project Cost Summary for Grants and Cooperative Agreements Program - 2008/2009  
Agency: USFS - Mendocino National Forest  
Application: Fouts Springs Water Development

6/2/2009

	Line Item	Grant Request	Match	Total	Narrative
<b>DIRECT EXPENSES</b>					
<b>Program Expenses</b>					
1	Staff	0.00	6,500.00	6,500.00	
2	Contracts	160,000.00	50,000.00	210,000.00	
3	Materials / Supplies	0.00	0.00	0.00	
4	Equipment Use Expenses	0.00	0.00	0.00	
5	Equipment Purchases	0.00	0.00	0.00	
6	Others	0.00	0.00	0.00	
7	Administrative Costs	0.00	0.00	0.00	
<b>Total Program Expenses</b>		160,000.00	56,500.00	216,500.00	
<b>TOTAL DIRECT EXPENSES</b>		160,000.00	56,500.00	216,500.00	
<b>TOTAL EXPENDITURES</b>		<b>160,000.00</b>	<b>56,500.00</b>	<b>216,500.00</b>	

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**ITEM 1 and ITEM 2**

**ITEM 1**

- a. ITEM 1 - Has a CEQA Notice of Determination (NOD) been filed for the Project? ☐ Yes ☒ No  
(Please select Yes or No)

**ITEM 2**

- b. ITEM 2 - Are the proposed activities a "Project" under CEQA Guidelines Section 15378? ☒ Yes ☐ No  
(Please select Yes or No)
- c. The Application is requesting funds solely for personnel and support to enforce OHV laws and ensure public safety. These activities would not cause any physical impacts on the environment and are thus not a "Project" under CEQA. (Please select Yes or No) ☐ Yes ☒ No
- d. Other. Explain why proposed activities would not cause any physical impacts on the environment and are thus not a "Project" under CEQA. DO NOT complete ITEMS 3 – 9

**ITEM 3 - Impact of this Project on Wetlands**

The Fouts Springs Water Development Project hydrologic analysis states that the project does not lie within any floodplains or wetlands. Although Stoney Creek flows through the project area, the project will "not reduce the quality or quantity of water supplied" to this component of the Central Valley Water Project. Additionally, no navigable waters exist within the project area.

This project has been designed to mitigate any potential effects on sensitive habitats and species. Mitigation measures identified in the environmental analysis respond to Best Management Practices (BMPs), and are listed below. Additional BMPs are identified in the attached environmental documentation.

BMP 2.2 - Erosion Control: Show caution with road work on road 18N08A as well as the extra material after digging the well. Excess material should be left so it cannot directly enter a stream channel.

BMP 2.7 - Control of Road Drainage: Limit the amount of sediment yield from roaded areas and minimize erosion of the road prism.

BMP 4.9 - Protection of Water Quality within Developed and Dispersed Recreation Areas: Prohibits placing substances in or near a stream which may degrade water quality. This includes, but is not limited to, sediment and petroleum products.

BMP 7.3 - Protection of Wetlands: Activities should not occur within wetlands.

Habitat for Forest Service Sensitive plant species (wooly star) and the Valley Elderberry Longhorn Beetle will not be impacted by this project.

**ITEM 4 - Cumulative Impacts of this Project**

Replacement of the water system will not cause cumulative impacts, including increased noise or traffic. This project solely proposes replacement of the potable water system which supports recreationists using the Fouts Springs OHV recreation facilities. Short term disturbance to soils and visitors will occur during project construction, however, these limited impacts will be eliminated and will not affect resources or visitors following project implementation.

**ITEM 5 - Soil Impacts**

Steep slopes and highly erosive soils will not be affected by implementation of this project. Construction of the new potable water system will ensure adherence to best management practices ensuring protection of any adjacent sensitive areas or stream courses.

**ITEM 6 - Damage to Scenic Resources**

This project is not located within the viewshed of a highway officially designated as a state scenic highway. Therefore there is no potential for damage to associated scenic resources.

**ITEM 7 - Hazardous Materials**

Is the proposed Project Area located on a site included on any list compiled pursuant to Section 65962.5 of the California Government Code (hazardous materials)? (Please select Yes or No) ☐ Yes ☒ No

If YES, describe the location of the hazard relative to the Project site, the level of hazard and the measures to be taken to minimize or avoid the hazards.

**ITEM 8 - Potential for Adverse Impacts to Historical or Cultural Resources**

Would the proposed Project have potential for any substantial adverse impacts to historical or cultural resources? (Please select Yes or No) ☐ Yes ☒ No

If YES, describe the potential impacts and for any substantially adverse changes in the significance of historical or cultural resources and measures to be taken to minimize or avoid the impacts.

**ITEM 9 - Indirect Significant Impacts**

This project is not expected to cause indirect significant impacts by causing user groups to go elsewhere or by significantly increasing use in the vicinity of the Project site. On the contrary, if the project is not implemented, users may elect to recreate at other OHV riding areas due to the lack of potable drinking water on-site. Although use of the Fouts Springs OHV recreation area has continued with the closure of the potable water system, it is likely that some visitors have chosen to go to other areas to recreate until water is once again provided. The Forest continues to receive numerous requests and inquiries from visitors about the status of the water system. This Development grant will once again provide this important service to the public. Once the project is completed, and water is once again provided, use is expected to return to similar levels as prior to closing of the water system.

**CEQA/NEPA Attachment**

Attachments:

[Fouts Water Development Decision Memo](#)  
[Fouts Water Development DM Appendix A](#)



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**1 Project Cost Estimate - Q 1. (Auto populates from Cost Estimate)**

1. As calculated on the Project Cost Estimate, the percentage of the Project costs covered by the Applicant is 3

(Check the one most appropriate) (Please select one from list)

- ☐ 76% or more (10 points)  
☐ 51% - 75% (5 points)  
☒ 26% - 50% (3 points)  
☐ 25% (Match minimum) (No points)

**2 Natural and Cultural Resources - Q 2a., 2b., & 2c.**

**2. Natural and Cultural Resources**

- a. Natural and Cultural Resources: Species 3

Enter the number of special-status species that are known to occur in the Project Area

Number of special-status species 1

(Check the one most appropriate) (Please select one from list)

- ☐ No special-status species occur in Project Area (5 points)  
☒ One to five special-status species occur in Project area (3 points)  
☐ Six to ten special-status species in Project area (2 points)  
☐ More than ten special-status species occur in Project area (No points)

**b. Habitat**

- b. Natural and Cultural Resources: Habitat 3

Potential Effects on special-status species habitat (Check the one most appropriate)

Special-status species habitat is known to occur in the Project Area (if YES, enter number of species).. (Please select Yes or No) ☒ Yes ☐ No

Habitat for special-status species known to occur in Project Area (enter number of species) 1

Reference Document

NEPA document for the Fouts Springs Water System is currently under way (1/25/2009).

(Check the one most appropriate) (Please select one from list)

- ☐ No special-status species habitat is known to occur in the Project area (5 points)  
☒ Habitat for one to five special-status species is known to occur in Project area (3 points)  
☐ Habitat for six to ten special-status species is known to occur in Project area (2 points)  
☐ Habitat for more than ten special-status species is known to occur in Project area (No points)

**c. Cultural Resources**

- c. Cultural Resources 3

(Check the one most appropriate) (Please select one from list)

- ☐ Project would provide additional protection to cultural sites (5 points)  
☐ Project area has no known cultural sites (4 points)  
☒ Identified cultural sites in the Project area will not be affected (3 points)

- ☐ Project impacts to cultural sites will be mitigated (No points)
- ☐ Project has unavoidable detrimental impacts to cultural resources (No points, Project application will be returned to Applicant without further consideration)

Reference Document

NEPA document for Fouts Springs Water System which will be completed prior to May 2009.

**3 Diversified Use - Q 3.**

3. The Project is designed to provide for diversified use 5

(Check all that apply) Scoring: 1 point each, up to a maximum of 6 points (Please select applicable values)

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> ATV                       | <input checked="" type="checkbox"/> 4X4                              |
| <input checked="" type="checkbox"/> M.C.                      | <input checked="" type="checkbox"/> Recreation Utility Vehicle (RUV) |
| <input type="checkbox"/> Snowmobile                           | <input type="checkbox"/> Dune buggy, rail                            |
| <input checked="" type="checkbox"/> Other (Specify) [bicycle] |  |

Describe the nature of the facilities for each item checked above:

The campgrounds are designed to allow guests that are camping, hiking, using bicycles, or motor driven vehicles. The OHV Area has designated routes designed to accommodate motorcycles, jeeps, ATV's, and RUV's.

**4 Publicly Reviewed Plan - Q 4.**

4. Is there a publicly reviewed and adopted plan that supports the need for the Project? 5

(Check the one most appropriate) (Please select one from list)

- ☐ No (No points) ☒ Yes (5 points)

Identify plan

The Mendocino National Forest Land and Resource Management Plan (LRMP) identifies the Davis Flat OHV Area, a developed recreation area. Fouts Springs is located within the Davis Flat OHV Recreation Area. Forest Goals for Recreation are to "Provide a full range of developed ... recreation opportunities at levels meeting projected demand...." (IV-3) Repair of the Fouts Springs Water System supports this Direction.

The Grindstone Ranger District has consulted with District 36 American Motorcyclists Association, Oakland Motorcycle Club, Valley Climbers Motorcycle Club, and Richmond Motorcycle Club. During the Forest's annual meeting with OHV Partners in January of 2009, all Partners strongly supported the Forest's plans to apply for OHV Grant funding to repair the water system.

**5 Recycled Materials - Q 5.**

5. The Project makes substantial use of recycled content building materials such as 0

- Materials diverted from landfills
- Recycled plastic lumber
- Fly ash content concrete

(Check the one most appropriate) (Please select one from list)

- ☒ No (No points) ☐ Yes (5 points)

Explain 'Yes' response

**6 Sustainable Technologies - Q 6.**

6. The Project makes substantial use of sustainable technologies such as: 4

- Alternative fuel vehicles and equipment
- Repaving with permeable asphalt
- Renewable energy sources (e.g., solar, wind)
- Low volatile organic compound emission materials (e.g., paint, sealants, carpet)
- Practices that meet U.S. Green Building Council LEED Silver standard
- Water efficient landscaping
- Low-flow plumbing fixtures
- Utilizing local building materials

(Check the one most appropriate) (Please select one from list)

☐ No (No points)

☒ Yes (4 points)

Explain 'Yes' response

We currently use low flow spigots and automatic shutoff valves for potable water use in the Fouts Springs area campgrounds. Additionally, the use of solar panels to power the pump and chlorinator building associated with this project will be considered during project design.

## 7 Sustain Existing OHV Recreation - Q 7.

7. The Project is designed to sustain existing OHV Recreation 3

(Check the one most appropriate) (Please select one from list)

☒ Project directly improves or sustains existing OHV Opportunity (3 points)

☐ Project improves support facilities associated with existing OHV Opportunity (2 points)

☐ Project involves construction of a facility associated with new OHV Opportunity (No points)

## 8 Motorized Access - Q 8.

8. The Project improves facilities that provide motorized access to the following nonmotorized recreation opportunities 6

(Check all that apply) Scoring: 2 points each, up to a maximum of 6 points (Please select applicable values)

☒ Camping

☐ Birding

☒ Hiking

☐ Equestrian trails

☒ Fishing

☐ Rock Climbing

☐ Other (Specify)

## 9 Public Input - Q 9.

9. The Project was developed with public input employing the following 2

(Check all that apply) Scoring: 1 point each, up to a maximum of 2 points (Please select applicable values)

☒ Meeting(s) with the general public to discuss Project (1 point)

☐ Conference call(s) with interested parties (1 point)

☒ Meeting(s) with stakeholders (1 point)

Explain each statement that was checked

In January of 2009 a meeting was held with the three enduro clubs and representatives from the American Motorcycle Association (District 36). One of the topics discussed at their request was our plans to restore a potable water source to the Fouts Springs Recreation Area.

The Planning Department for the Grindstone Ranger District, Mendocino N.F. is developing a NEPA document for the water system at Fouts Springs. One of the steps ofcourse is to advise the public what we are looking at doing and requesting any comments from the public. This will be made public by means of newspapers, our FS website, and posting on billboards at Fouts Springs.

During the enduros in October and November of 2008 and high use weekends since then we have taken the opportunity to walk through the campgrounds and talk about the services being provided. The question asked most often was when water would be established again. During this time we were able to explain what we planned to do and our best time table.

**10 Utilization of Partnerships - Q 10.**

10. The Project will utilize partnerships to successfully accomplish the Project. The number of partner organizations that will participate in the Project are 0

(Check the one most appropriate) (Please select one from list)

- ☐ 4 or more (4 points) ☐ 2 to 3 (2 points) ☐ 1 (1 point)  
☒ None (No points)

List partner organization(s)

**11 Primary Funding Source - Q 11.**

11. Primary funding source for future operational costs associated with the Project will be 0

(Check the one most appropriate) (Please select one from list)

- ☐ Applicant's operational budget (5 points)  
☐ Volunteer support and/or donations (3 points)  
☐ Other Grant funding (2 points)  
☒ OHV Trust Funds (No points)

If 'Operational budget' is checked, list reference document(s):

**12 Offsite Impacts - Q 12.**

12. Offsite impacts relative to the Project Area (e.g., sound, fugitive dust, runoff) have been addressed: 4

(Check the one most appropriate) (Please select one from list)

- ☐ No (No points) ☒ Yes (4 points)

Explain 'Yes' response

Best Management Practices (BMP's) will be followed which address any potential off-site impacts associated with this project. This includes measures during construction of the water system to assure that soil is prevented from entering stream channels or watercourses adjacent to the project area. Drilling of the well may cause substantial sound for a short period of time, however this will largely be an on-site impact. The drilling of the well will cause very little fugitive dust (the area will usually be watered down).

Individual campgrounds may have to be closed for short periods during construction. This is not expected to result in concerns off-site.

**13 Riparian/Wetland Issues - Q 13.**

13. Does the Project Area contain Riparian/Wetland issues? 10

(Check the one most appropriate) (Please select one from list)

☒ No (10 points)

☐ Yes (if yes - respond to item below)

The Project utilizes the following techniques to prevent damage to, or restore Riparian/Wetland areas

(Check all that apply) (Please select applicable values)

☐ Re-routes to divert trails away from Riparian/Wetlands areas (2 points)

☐ Well documented evaluation and monitoring strategies (list reference document) (2 points)

☐ Provide bridges instead of wet crossings (2 points)

☐ Provide sanitary facilities (2 points)

☐ Restrict public vehicular access in Riparian/Wetland areas by placing physical barriers (e.g., gates, fences, bollard, boulders) (2 points)

Reference Document